

Custodial, Labor and Trades Branch
Skilled Trades Group
Coach Maintenance Series

COACH MECHANIC II

05/95

Summary

Under general supervision, on assigned shift, performs skilled journeyman coach mechanic work in the repair and maintenance of coaches, automobiles and related equipment; and performs related work as required.

Typical Duties

Performs general overhaul and repair of diesel engines; operates testing equipment to check components, pressures, and to make adjustments to engine; checks engine hydrocarbon and carbon monoxide with exhaust analyzer and makes necessary adjustments; trouble shoots coach equipment; overhauls or replaces pumps, compressors, blowers, generators, alternators, shock absorbers, starters, HVAC equipment, and other coach related equipment as required; repairs hydraulic and air brake systems, doors and their components; performs state vehicle inspections as assigned; makes shop and road tests of equipment repaired before placing it back in service; consults repair manuals; requisitions spare parts, tools and supplies as required.

Supervises and trains subordinate employees as assigned; acts on behalf of shop supervisor as assigned; maintains records and material used and time worked on equipment; complies with and enforces safety practices.

Minimum Qualifications

Training and Experience: Graduation from High School or G.E.D. and four years of experience in major overhaul, repair and maintenance of automotive equipment including two years in the repair of diesel engines and/or coaches; or an equivalent combination of training and experience.

Knowledge, Abilities and Skills: Considerable knowledge of the methods, principles and techniques used in the repair and maintenance of automotive and related equipment; considerable knowledge of the use and care of equipment and tools of the trade; considerable knowledge of the occupational hazards and safety practices of the trade; good knowledge of repair and maintenance procedures of diesel engines and related equipment.

Ability to identify, diagnose and repair mechanical problems; ability to operate diagnostic equipment; ability to follow oral and written instructions; ability to read and understand maintenance manuals; ability to train subordinate employees; ability to establish and maintain effective working relationships with fellow employees; ability to maintain repair and time records.

Skill in the use and care of mechanic's equipment and tools.

Special Requirements: Must possess own tools of the trade prior to appointment. A list of the minimum tool requirements is on file in the Personnel Department. Employees in this class are subject to drug testing during pre-employment, for reasonable cause, post-accident, return to work and random. Positions assigned duties which require a Commercial Driver's License (CDL) to operate vehicles on public thoroughfares, [or positions of a safety sensitive nature within Mass Transit], are subject to federal drug and alcohol testing regulations, which include preemployment, post-accident, reasonable suspicion, random, return to duty and follow-up testing.

Physical Requirements: Test drive coaches and automotive equipment within the repair yard and/or on City streets; lift and carry heavy objects (up to 50 pounds).

Licenses and Certificates: Class "B" Commercial Driver's License. Environmental Protection Agency (EPA) certification required for refrigerant recovery and recycling of motor vehicle air conditioners within 30 days of appointment. (currently Section 608 Type II and Section 609 of the Clean Air Act)

Director of Personnel

Department Head